First, consider the lookup helper in the handlebars Demo. If you look at the server.js file and lookup.handlebars file you will see the following:

In the server.js file, a user object is created with the fields username, age, and email. The lookup helper returns the object (user) at the index field (username).

Vulnerable Code

Handlebars 3.0.5

Here the code is vulnerable because the lookup function does not properly validate templates.

```
instance.registerHelper('lookup', function (obj, field) {
    return obj && obj[field];
};

418    });
419 }
```

Secure Code

Handlebars 4.7.7

```
node_modules 4.77 > handlebars > dist > Us handlebars.and is > Obtainer > Obtainer
```

The following link explains how the code was fixed.